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Bill	Of Materials	Description		Designator	Quantity	Manufacturer Part	Part Number	Layer
1		CAP_THT ELEC 220uF 25V 20%		C1, C14, C17	3	Number 1 25PK220MEFC-6.3*11	1a28df19-6d3e-4a71-836c-f22920f8e8ab	
2		CAP SMD MLCC 1nF 50V 0603 X7R		C10, C13, C26	3	CL10B102KB8NNNC	0eca2548-3630-4fea-a3d5-94248c1cae74	
3		CAP SMD MLCC 10uF 25V	0805 X5R	C3, C4, C8, C9, C12, C16, C19, C20, C29	9	CL21A106KAYNNNE	1ffbe5a9-0884-4740-bdad-20a6a98400e6	
4		CAP SMD MLCC 100nF 25V	0603 X7R	C2, C5, C6, C7, C11, C15, C18, C21, C22, C23, C24 C25, C27, C28	14	CL10B104KA8NNNC	02841f84-ac15-41b5-9e17-915f8f067828	
5		CONN THT 3.5mm AUDIO STERE	O AUX SWITCH	P2, P8	2	PJ-3900-04	80507a24-5d7c-4cf5-953e-f54832d54564	
6		CONN THT DC JACK 0.5A 30V		P1, P7	2	DC-005A-20A	b53db51a-1725-412b-9039-fa7a45c7c438	
7		CONN THT PIN HEADER 2P MALE 2.54mm DIODE SMD 100V 150mA 1.5Vf SOD-123 4148		P3, P4, P5, P6, P9, P10, P11, P12	8	Z-211-0211-0021-001	fb9043ef-1dd5-4a9c-8c1a-da0c667690ac	
9		DIODE SMD 100V 150MA 1.5Vf		D3, D4, D5, D7, D8 D1, D2, D6	3	1N4148W-TP PESD3V3S1BA-N	5e920700-75df-48e3-84dd-8f9f777caed8 d6266fd0-7428-4fb9-a062-338cdce926fd	
10		ER SMD CHIP 0603 400mA 1k@1		L1, L2	2	BLM18BD252SN1D	c9e30ae8-9d5b-4135-a079-b1147da846d8	
11	IC SN	ID LINEAR VOLTAGE REGULATO	OR 5V 100mA SOT-89	U1, U5	2	AS78L05RTR-E1	fd64863e-487f-4688-b264-696c0ba5456b	
12		IC SMD NAND GATE 2 INPUTS		U6	1	74LVC1G00GV,125	33900555-dbb4-4b72-871f-952983a59b08	
13 14		IC SMD OPAMP LM324D		U2, U7 U3	2	LM324DT SA612AD/01,112	21a85167-c328-42f7-a52e-365842c6dad3 a9622f6c-68f2-4f08-abc9-76f38977fdd3	
15		IC SMD TIMER NE555 S		U8	1	NE555DR	d16ab88a-2543-469a-8940-7b800b633548	
16	MO	DDULE THT RADAR DOPPLER 10).525GHz NJR4178	U4, U10	2	NJR4178	f0e19a38-18de-4253-8da2-aebb0c4083bd	
17		RES SMD 0 OHM 5% 1/10		R3, R4, R7, R8, R14, R16	6	RC0603JR-070RL	6ae227f9-847f-4766-8522-e11a83531204	
18		RES SMD 1K OHM 1% 1/1 RES SMD 10K OHM 1% 1/		R18, R22, R23, R24, R27 R1, R6, R10, R11, R12, R15, R19, R20, R21, R25	10	RC0603FR-071KL RC0603FR-0710KL	a678220f-9e9d-4863-a833-9993504f723c 93242766-ba1d-462d-b58f-ce1dfc4129c8	
20		RES SMD 10K OHM 1% 1/		R2, R5, R9, R13, R17, R26	6	RC0603FR-07100KL	76af10b3-9d85-4b5c-a2d6-26cc74f432f7	
19 20 21		TRANS NPN BCX56-16 1A 80V 1		U9	1	BCX56-16,115	0e502e05-00ae-4c6f-83a4-b2f55de2403a	
_	FOR REFERENC AYS REFER TO T	E ONLY HE LATEST EXCEL BOM	PROVIDED					